



AF/3746  
JFW

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/021,566  
Filing Date: December 12, 2001  
Applicant: Douglas G. Hunter, et al.  
Group Art Unit: 3746  
Examiner: John F. Belena, Ph.D.  
Title: VARIABLE DISPLACEMENT VANE PUMP WITH  
VARIABLE TARGET REGULATOR

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 27, 2004 By: [Signature]

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Final Office Action mailed February 27, 2004, to which a response is due by May 27, 2004. Please amend the application as follows and consider the remarks set forth below.

06/02/2004 AWONDAF1 00000074 501612 10021566

01 FC:1201 430.00 DP  
02 FC:1202 10.00 DA 1124.00 DP

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